

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077725.D
 Acq On : 17 May 2023 19:42
 Operator : JC\MD
 Sample : 02831-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ME-13D

Quant Time: May 18 01:41:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

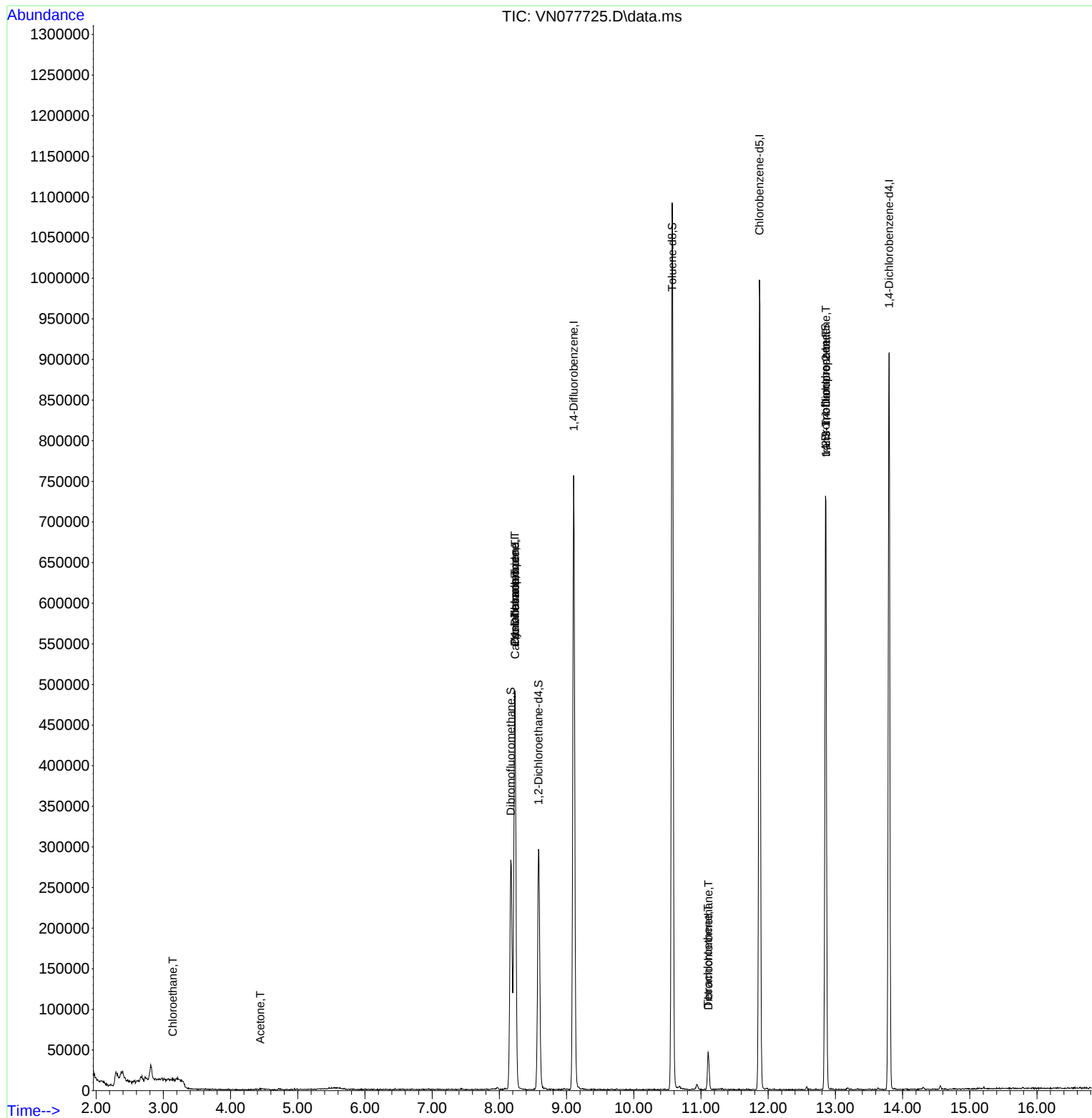
Internal Standards						
1) Pentafluorobenzene	8.229	168	347780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	648080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	580261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	239621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	249654	47.976	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.960%
35) Dibromofluoromethane	8.171	113	203297	48.106	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.220%
50) Toluene-d8	10.570	98	795312	48.893	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.780%
62) 4-Bromofluorobenzene	12.853	95	263533	45.872	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.740%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2000	Below Cal		94
6) Chloroethane	3.142	64	725	0.202 ug/l #		43
16) Acetone	4.441	43	614	0.375 ug/l #		40
20) Methylene Chloride	5.294	84	53	Below Cal #		43
31) Cyclohexane	8.229	56	9749	1.378 ug/l #		49
36) 1,1-Dichloropropene	8.229	75	31575	5.108 ug/l #		49
38) Carbon Tetrachloride	8.235	117	40363	6.467 ug/l #		16
60) Dibromochloromethane	11.112	129	10160	2.183 ug/l #		11
64) Tetrachloroethene	11.106	164	11054	2.724 ug/l #		91
76) 1,2,3-Trichloropropane	12.859	75	142833	23.802 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.859	75	142833	76.082 ug/l #		15

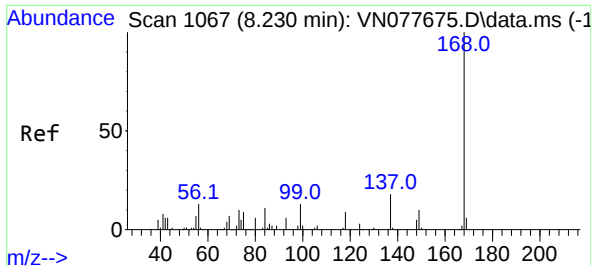
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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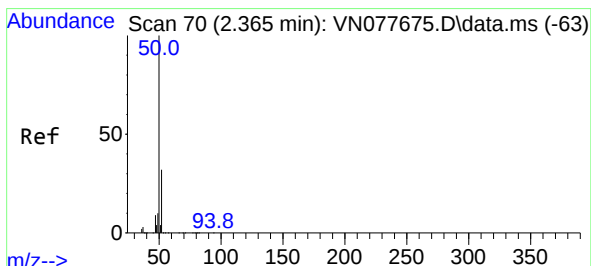
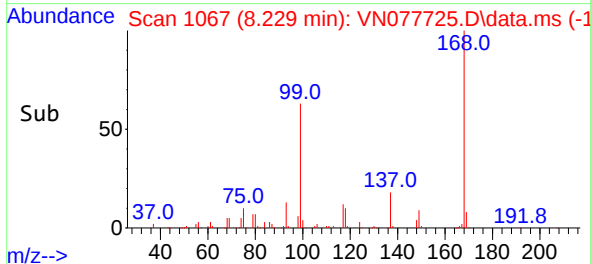
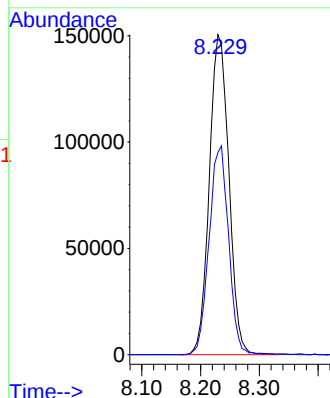
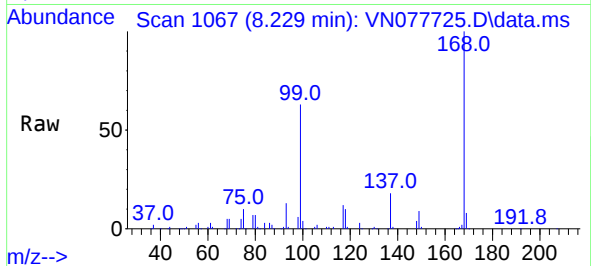




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

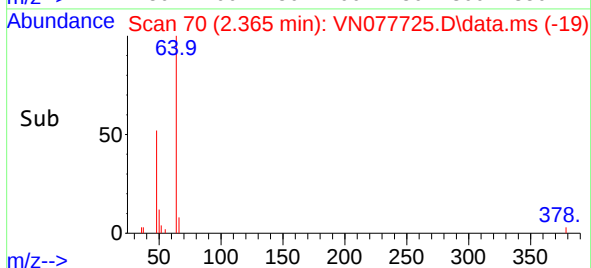
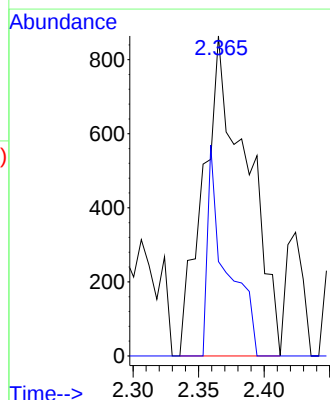
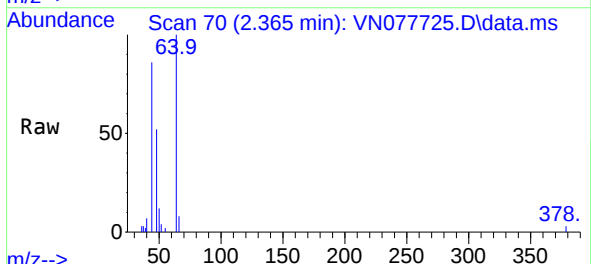
Instrument :
MSVOA_N
ClientSampleId :
ME-13D

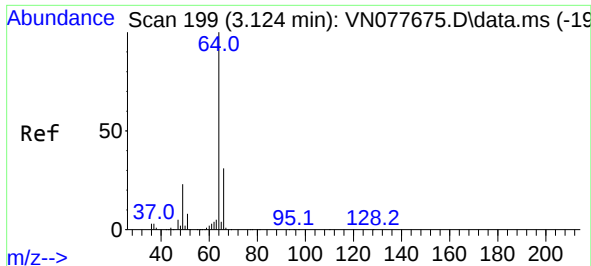
Tgt Ion:168 Resp: 347780
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

Tgt Ion: 50 Resp: 2000
Ion Ratio Lower Upper
50 100
52 29.5 26.5 39.7

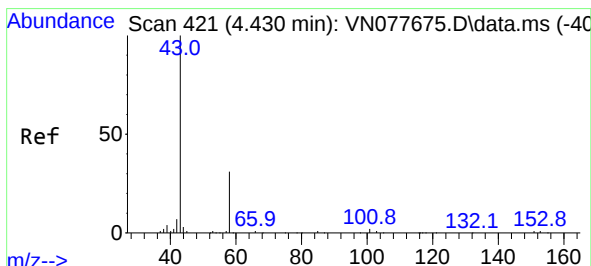
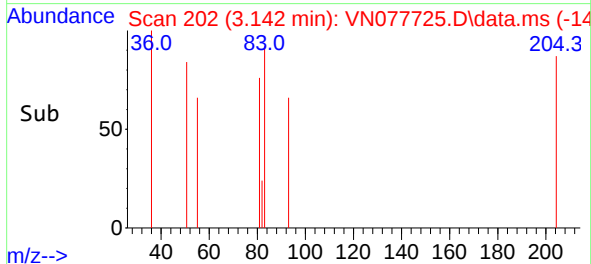
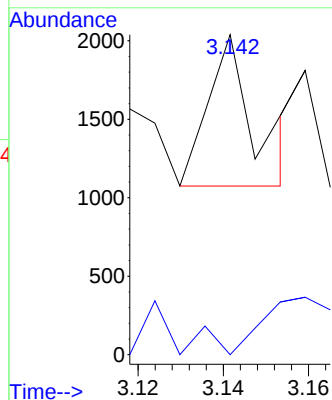
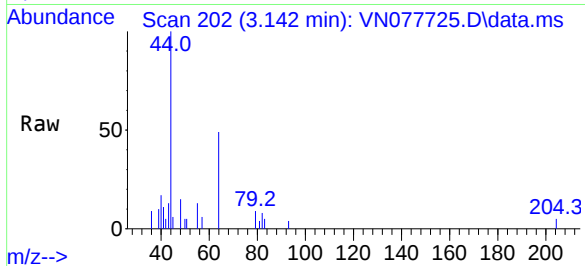




#6
Chloroethane
Concen: 0.202 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.018 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

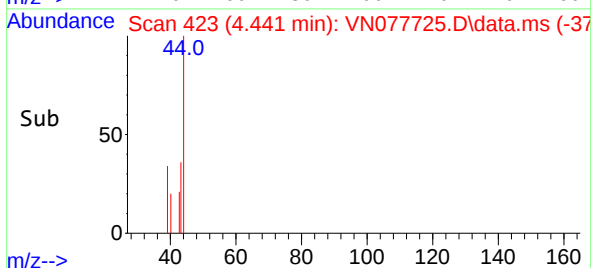
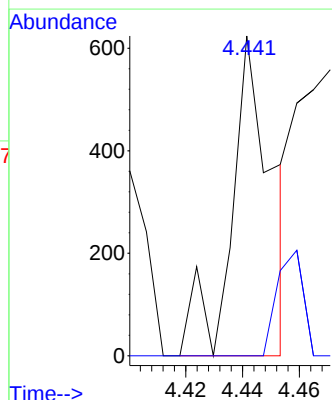
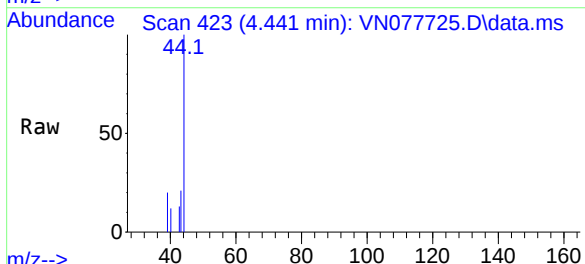
Instrument :
MSVOA_N
ClientSampleId :
ME-13D

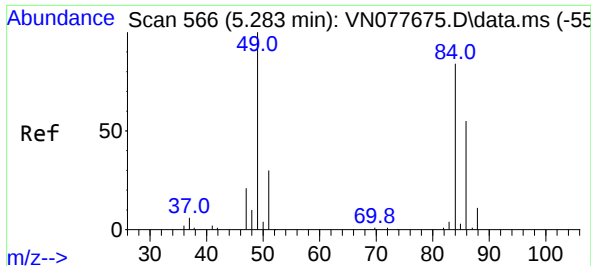
Tgt Ion: 64 Resp: 725
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 0.375 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

Tgt Ion: 43 Resp: 614
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

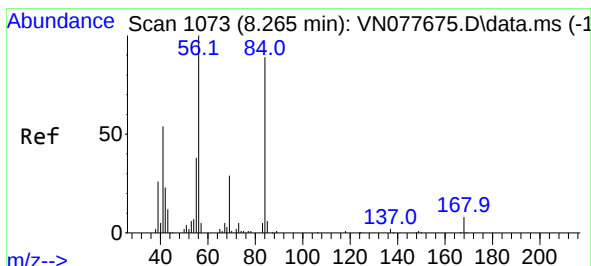
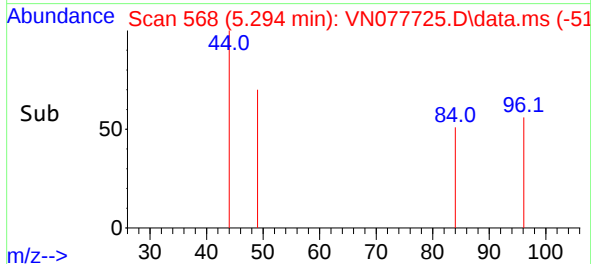
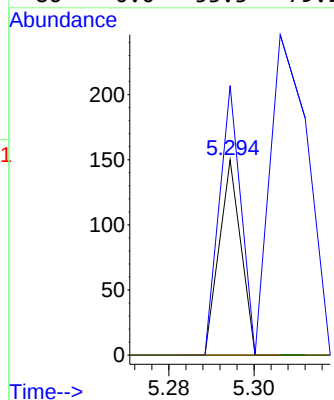
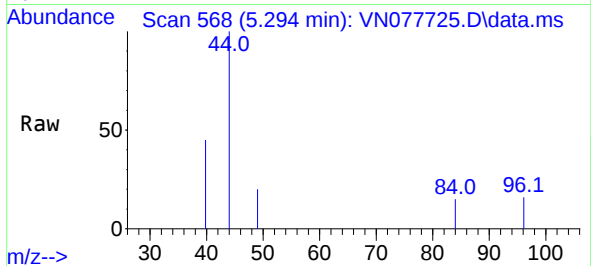




#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 50
Delta R.T. 0.011 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

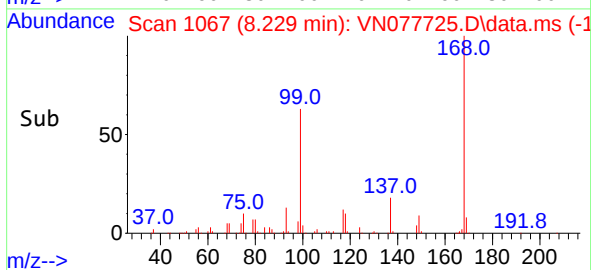
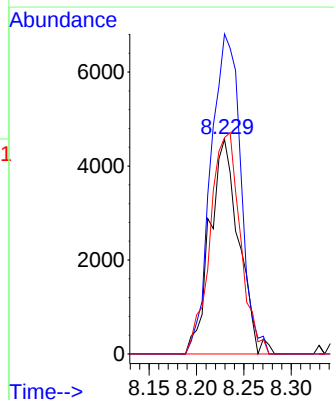
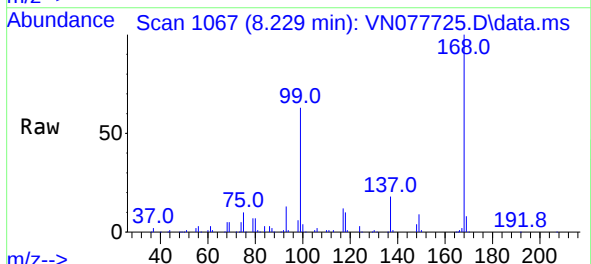
Instrument :
MSVOA_N
ClientSampleId :
ME-13D

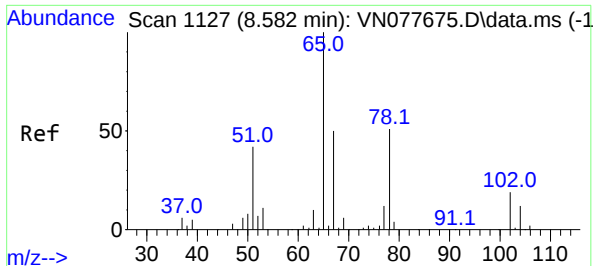
Tgt Ion:	84	Resp:	53
Ion	Ratio	Lower	Upper
84	100		
49	138.0	79.7	119.5#
51	0.0	25.2	37.8#
86	0.0	53.3	79.9#



#31
Cyclohexane
Concen: 1.378 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

Tgt Ion:	56	Resp:	9749
Ion	Ratio	Lower	Upper
56	100		
69	149.1	26.8	40.2#
84	100.8	81.8	122.6

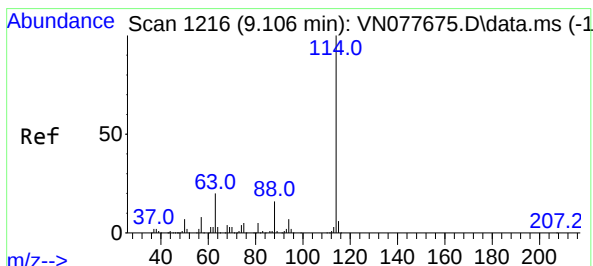
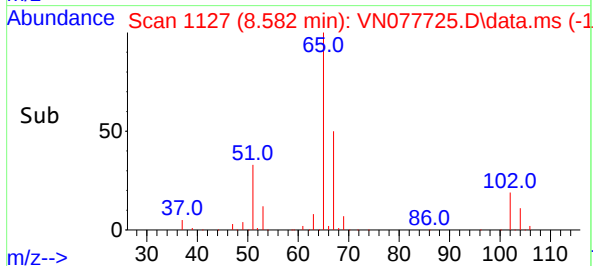
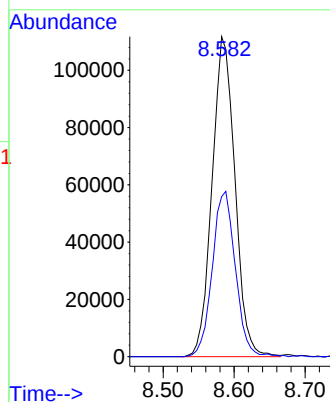
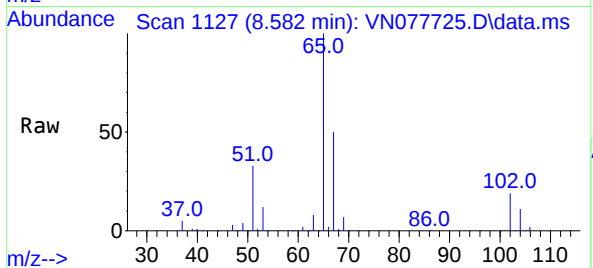




#33
1,2-Dichloroethane-d4
Concen: 47.976 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

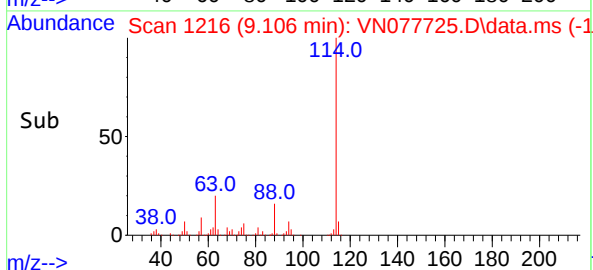
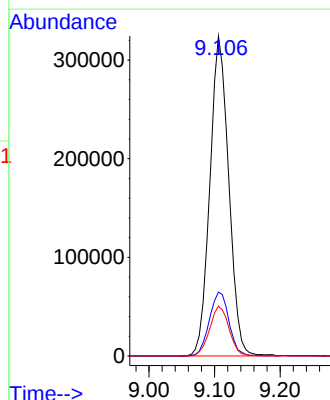
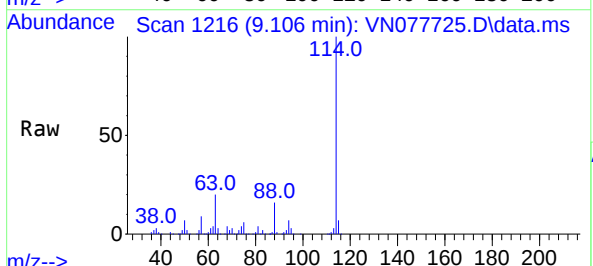
Instrument :
MSVOA_N
ClientSampleId :
ME-13D

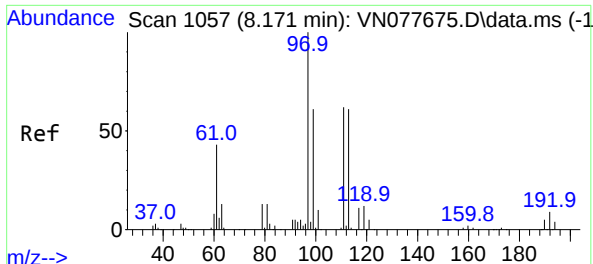
Tgt Ion: 65 Resp: 249654
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

Tgt Ion: 114 Resp: 648080
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.4
88 15.5 0.0 30.6

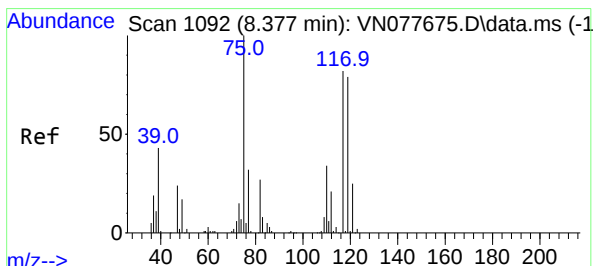
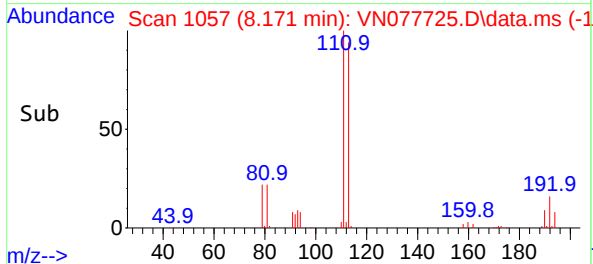
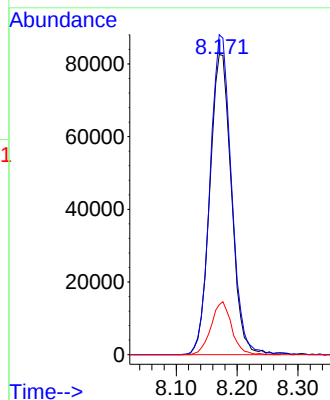
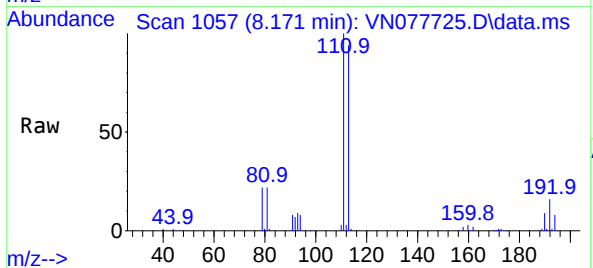




#35
Dibromofluoromethane
Concen: 48.106 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

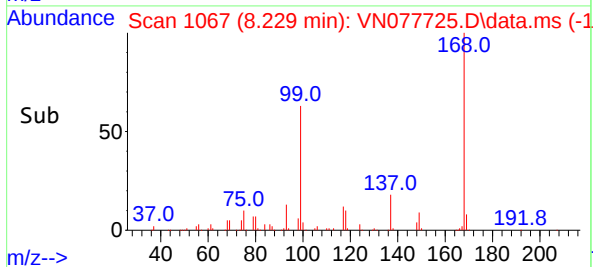
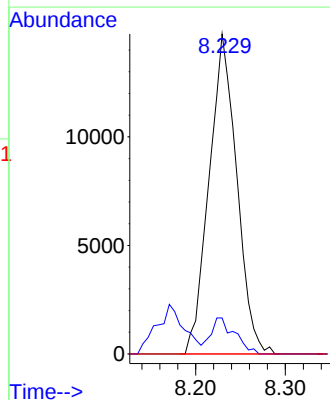
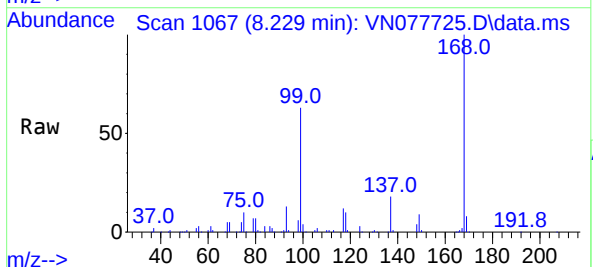
Instrument :
MSVOA_N
ClientSampleId :
ME-13D

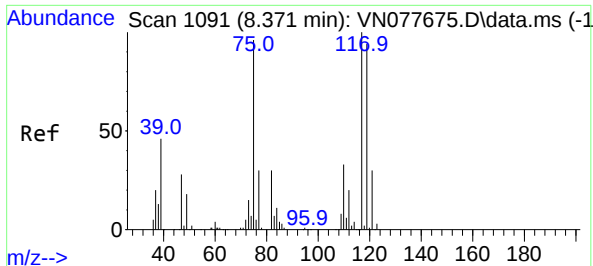
Tgt Ion:113 Resp: 203297
Ion Ratio Lower Upper
113 100
111 105.2 82.6 123.8
192 16.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.108 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.148 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

Tgt Ion: 75 Resp: 31575
Ion Ratio Lower Upper
75 100
110 9.8 19.1 57.3#
77 0.0 25.0 37.4#

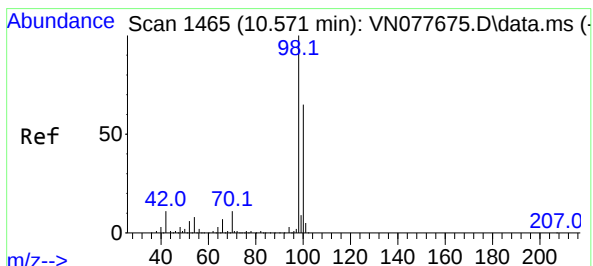
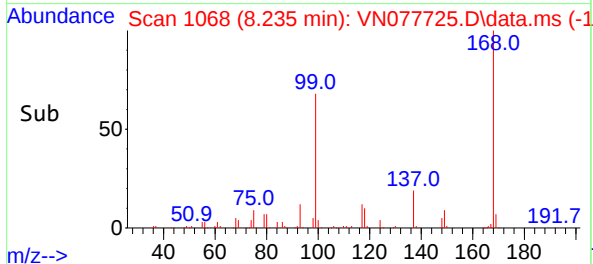
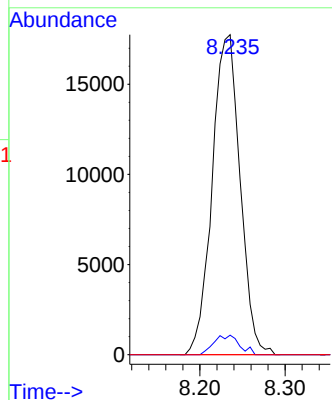
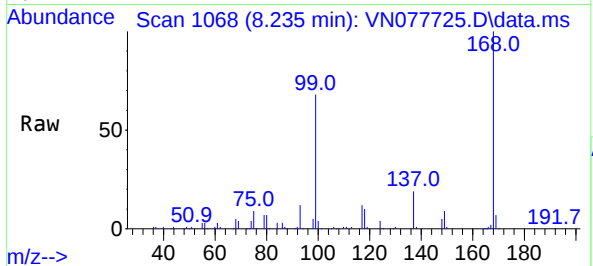




#38
Carbon Tetrachloride
Concen: 6.467 ug/l
RT: 8.235 min Scan# 1091
Delta R.T. -0.136 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

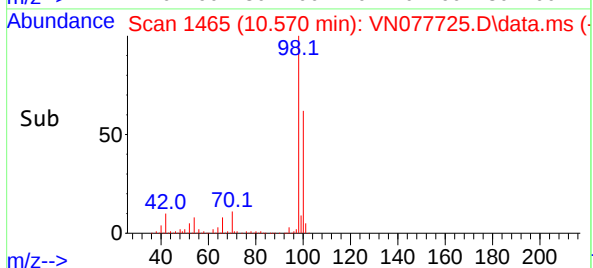
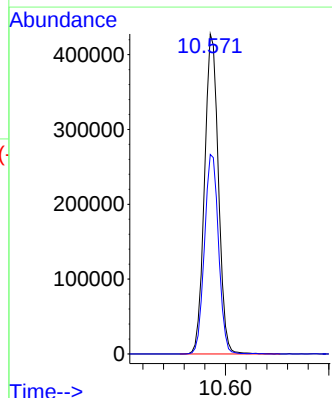
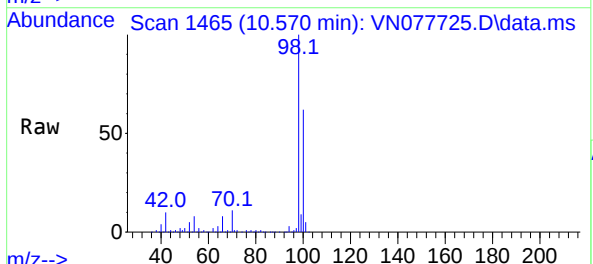
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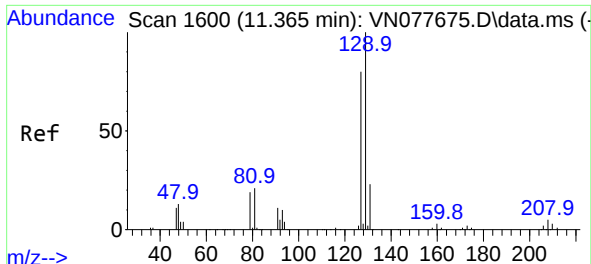
Tgt Ion:117 Resp: 40363
Ion Ratio Lower Upper
117 100
119 6.1 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 48.893 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

Tgt Ion: 98 Resp: 795312
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0

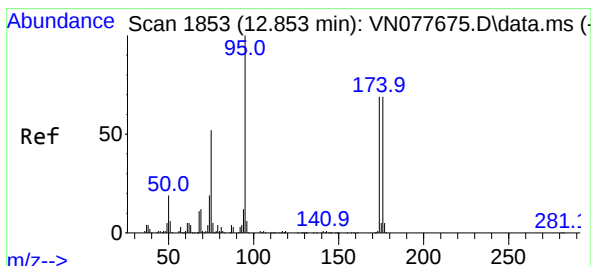
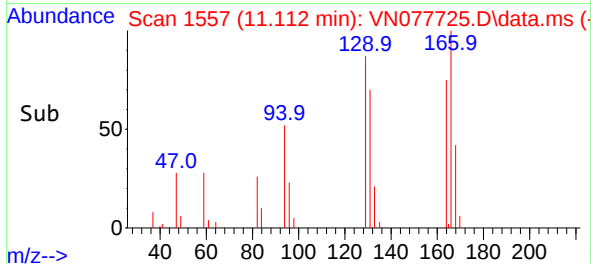
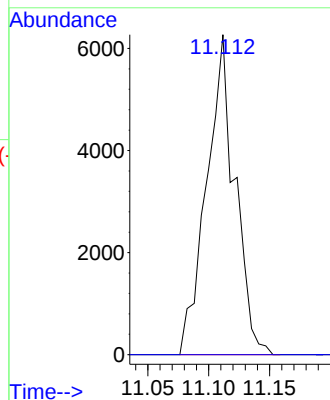
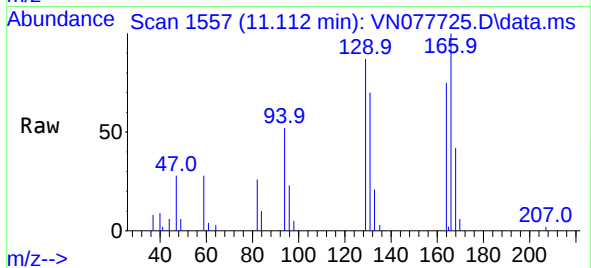




#60
Dibromochloromethane
Concen: 2.183 ug/l
RT: 11.112 min Scan# 1111
Delta R.T. -0.253 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

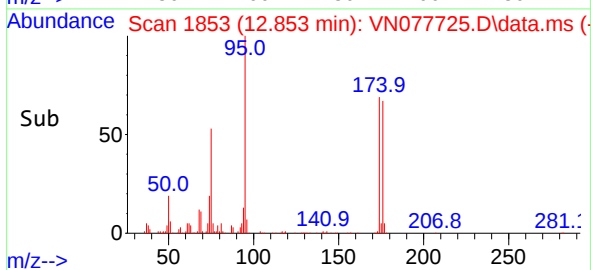
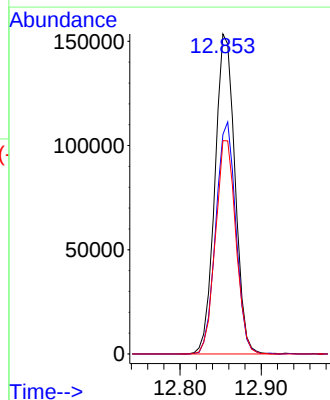
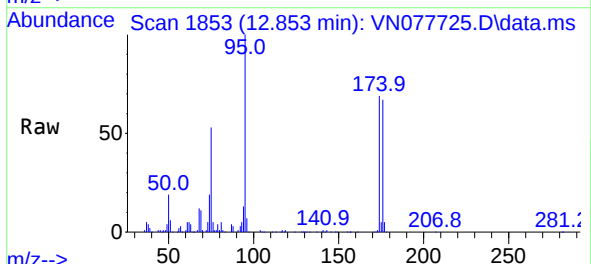
Instrument :
MSVOA_N
ClientSampleId :
ME-13D

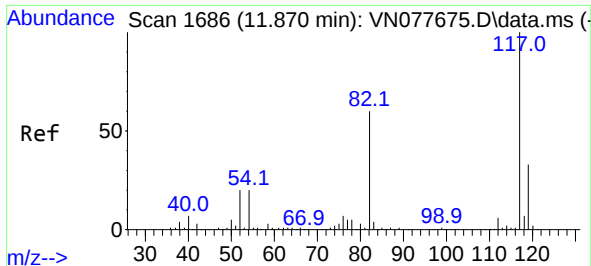
Tgt Ion:129 Resp: 10160
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 45.872 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

Tgt Ion: 95 Resp: 263533
Ion Ratio Lower Upper
95 100
174 72.3 0.0 143.8
176 68.0 0.0 135.8

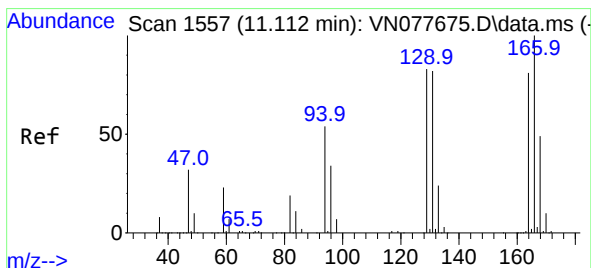
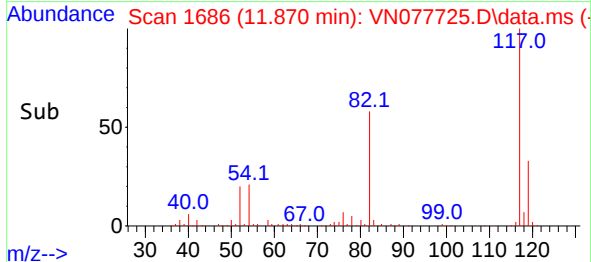
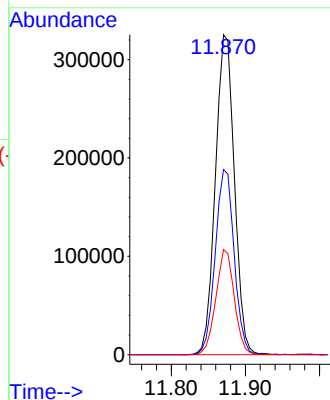
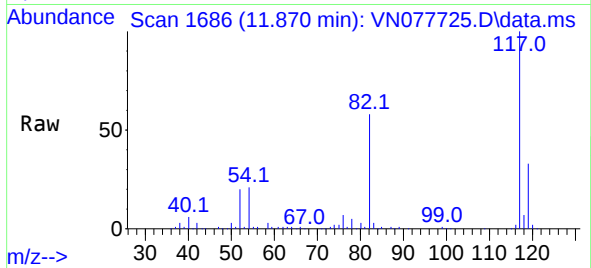




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

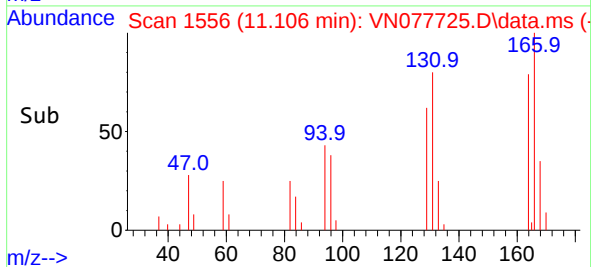
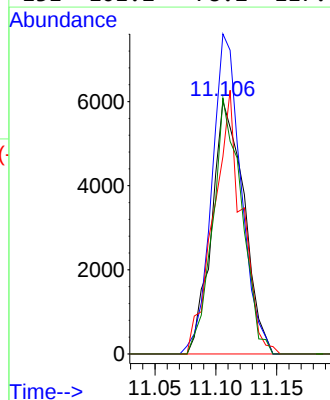
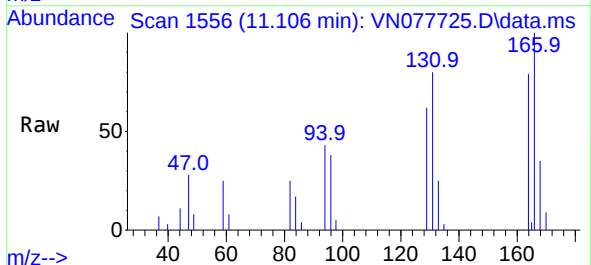
Instrument :
MSVOA_N
ClientSampleId :
ME-13D

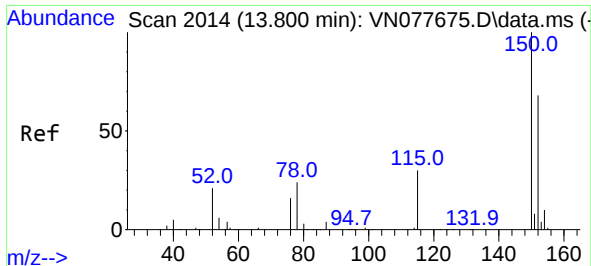
Tgt Ion:117 Resp: 580261
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 32.9 25.6 38.4



#64
Tetrachloroethene
Concen: 2.724 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

Tgt Ion:164 Resp: 11054
Ion Ratio Lower Upper
164 100
166 126.6 101.4 152.0
129 78.1 82.4 123.6#
131 101.2 78.2 117.4

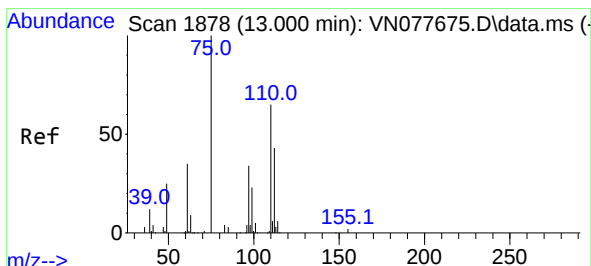
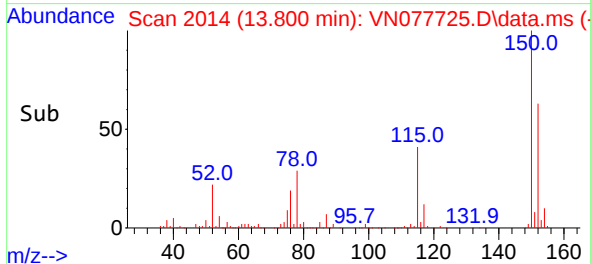
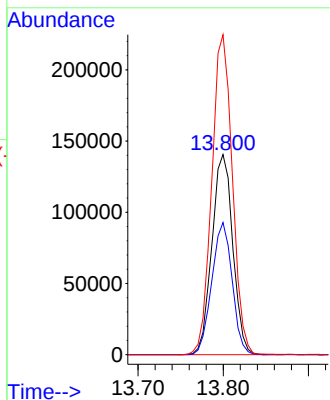
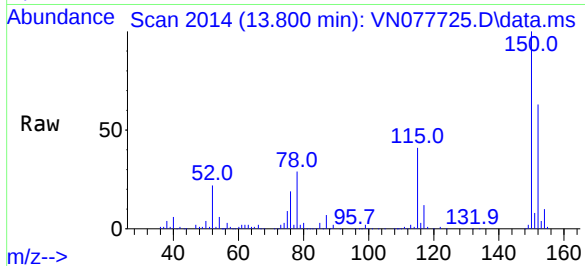




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

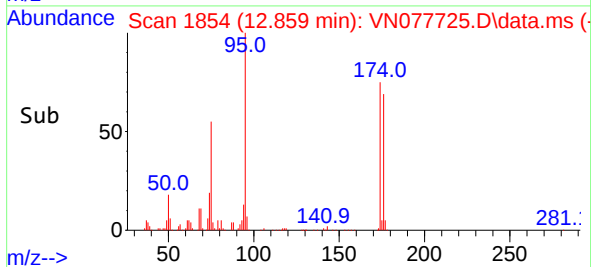
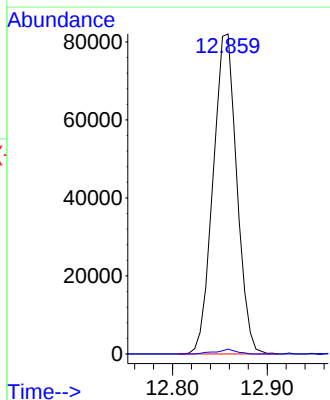
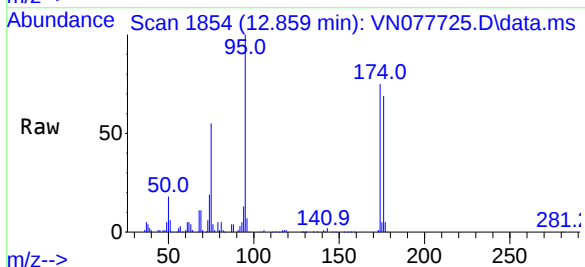
Instrument :
MSVOA_N
ClientSampleId :
ME-13D

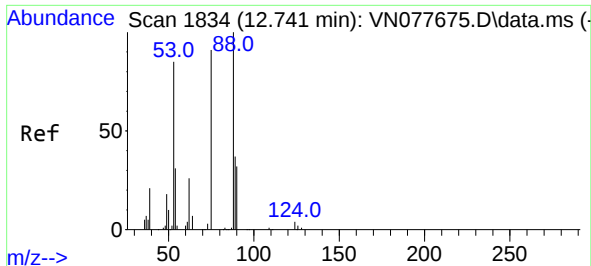
Tgt Ion:152 Resp: 239621
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 157.4 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 23.802 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

Tgt Ion: 75 Resp: 142833
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.082 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN077725.D
Acq: 17 May 2023 19:42

Instrument :
MSVOA_N
ClientSampleId :
ME-13D

Tgt Ion: 75 Resp: 142833
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

